

Theresa Rice

From: Robert Dashiell [rgdimages@aol.com]
Sent: Friday, August 19, 2011 10:30 AM
To: Gary Tripp
Cc: Council; PCD
Subject: Re: Understanding buffer science is not difficult

Note: pcd please pass to Planning Commission

Gary,

Dr. Flora has **not** solved the 30 foot buffer mystery for the city Council.

However, what he has extracted and presented is valuable and shows a wide diversity of opinion.

What I take away from the data charts is a 30 foot buffer would remove about 58% of a nitrogen load. The table text says the most effective nitrogen buffer is 60 meters ... that's 196 feet.

For phosphorus, a 30% buffer removes about 55% of the load. The table text says the most effective phosphorus buffer is 75 meters ... that's 246 feet.

But then, the Minnesota and Virginia and Kentucky feedlot examples directly counter those charts findings.

Also of note, there are other buffer environmental considerations other than just pollution, and they are not addressed.

Bottom line is I do not agree with your statement "Dr. Flora solves The Thirty-foot Buffer Mystery for the City Council."

Dr. Flora has at best added more information to the appropriate buffer width conversation, and that is valuable.

Robert Dashiell
Candidate, South Ward 6

On Aug 19, 2011, at 8:56 AM, Bainbridge Citizens wrote:

Dr. Flora solves The Thirty-foot Buffer Mystery for the City Council.

Even for heavy pollution from farming, a 20 to 30 foot grass buffer removes most pollutants. **See Attached**